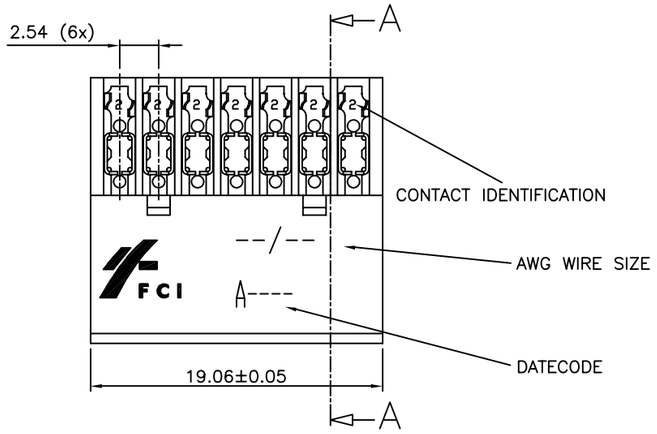




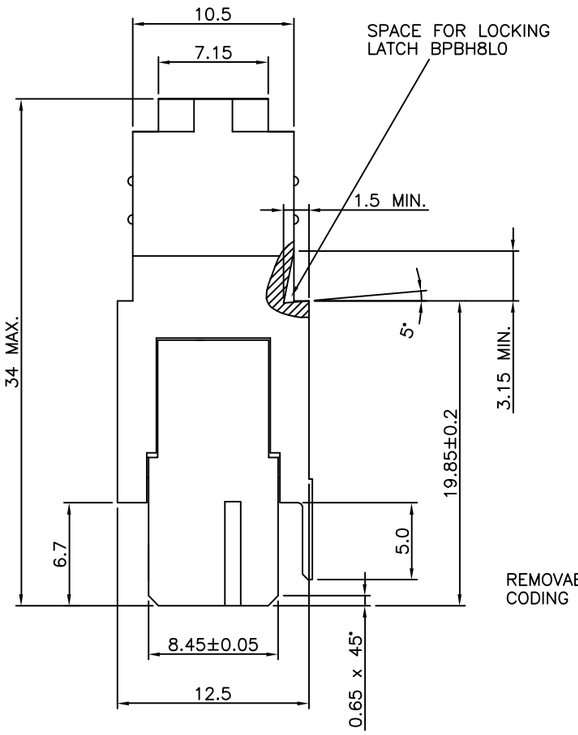
NOTES:-

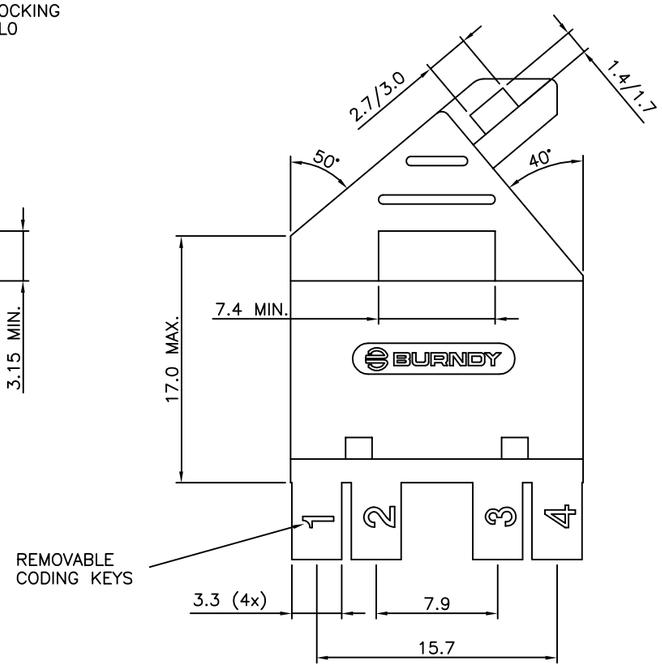
1. THE "LF" PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
2. LEAD FREE OR RoHS DIRECTIVE LABELING TO BE PROVIDED AS PER GS-14-920 FOR RoHS COMPATIBLE VERSION.

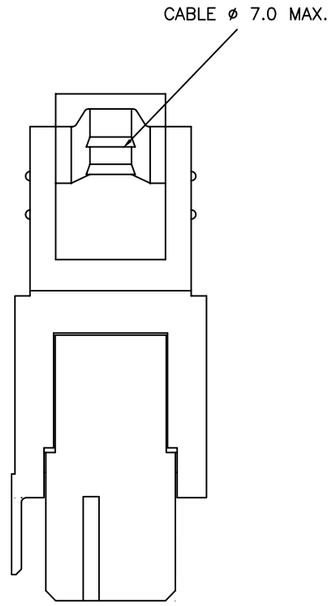
PRODUCT NUMBER	BPS8B21FLD–C0––LF	WITH "LF" SUFFIX	LEAD FREE OR RoHS COMPATIBLE PRODUCT

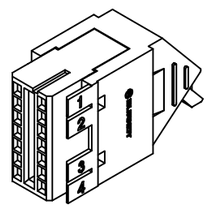
WIRE ACCOMODATION		
PRODUCT NUMBER	WIRE SIZE	CONTACT IDENTIFICATION
BPS8B21FLD0C0––LF	AWG28/30	0
BPS8B21FLD2C0––LF	AWG24/26	2

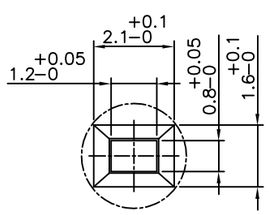
CONTACT PLATING	
PLATING CODE	PERFORMANCE LEVEL PER DIN41612
Z0	CLASS 3
Z1	CLASS 2
E9	CLASS 1

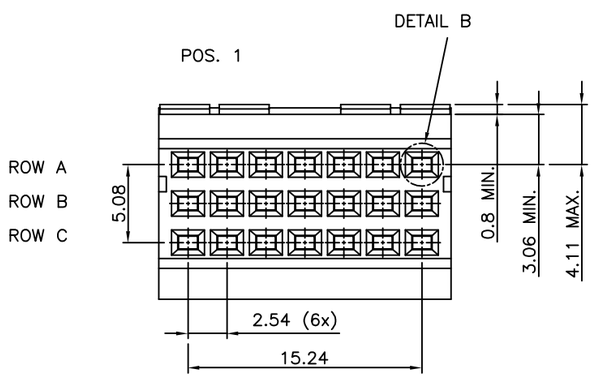












PERFORMANCES CHARACTERISTICS

VOLTAGE RATING : 250 VAC (rms)
CURRENT RATING : 1,5 A AT 25 °C, 1 A AT 70 °C.
INSULATION RESISTANCE : 1000MΩINITIAL, 100MΩMIN. AFTER TEST
DIELECTRIC WITH–
STANDING VOLTAGE : 1000 VAC (rms).
CONTACT RESISTANCE : 15mΩMAX. INITIAL, 5mΩMAX. RISE OF INITIAL VALUE AFTER TEST.
OPERATING TEMPERATURE*: –40 °C TO +125 °C.
INSERTION FORCE : 1 N MAX./CONTACT.
WITHDRAWAL FORCE : 0,2 N MIN./CONTACT.

*DEPENDING ON THE CABLE, THE MAX. TEMPERATURE CAN BE LOWER.
FOR STANDARD PVC INSULATED CABLE : 105 °C MAX.

CONSTRUCTION

BODY MATERIAL : GLASS–REINFORCED THERMOPLASTIC (UL94V–0).
COVER MATERIAL : POLYESTER (PBTP), COLOUR : BLACK.
CONTACT MATERIAL : PHOSPHOR BRONZE.
CONTACT FINISH : Au OVER Ni IN CONTACT AREA
Sn (MATT TIN) ON I.D.C. TERMINAL
Z0 : PERFORMANCE LEVEL PER DIN41612 CLASS 3
Z1 : PERFORMANCE LEVEL PER DIN41612 CLASS 2
E9 : PERFORMANCE LEVEL PER DIN41612 CLASS 1
OTHERS : CONSULT FCI
TIE–WRAP : OPTIONAL PART N°. TF3.

PART NUMBERS

BPS8B21FLD0C0––LF CONNECTOR FOR WIRE SIZE AWG28, AWG30. (CONTACT IDENTIFICATION : 0).

BPS8B21FLD2C0––LF CONNECTOR FOR WIRE SIZE AWG24, AWG26 (CONTACT IDENTIFICATION : 2).

AWG WIRE SIZE MARKING

BPS8B21FLD0C0––LF : 28/30.
BPS8B21FLD2C0––LF : 24/26.

DATECODE MARKING

A + YEAR & WEEKCODE, EXAMPLE : A9950.

ltr	ecn no	dr	date
A	F00819	DLE	2000–10–23
B	I05–0123	MINI	2005–07–27
C	I06–0067	MINI	2006–06–01
D	I07–0081	KR	2007–06–28

mat'l. code: SEE NOTE
surface: ISO 1302
tolerance: ISO 406 ISO 1101
tolerances unless otherwise specified: angles ±1°; linear 0.1±0.2, 0.01±0.1
projection
mm
scale –

dr	D.LEGRAND	2000–10–23
engr	J.F.NOTTEAU	2000–10–23
chr	RAKHEE GEORGE	2007–06–28
appd	RAKHEE GEORGE	2007–06–28

sheet index	revision	D	D	D
	sheet	1	2	3

product family: BPS8
title: ASSY BPS8
21 POS. A,B,C LOADED
dwg no 55355
sheet 1 of 3
size A3
type Product Customer Drawing

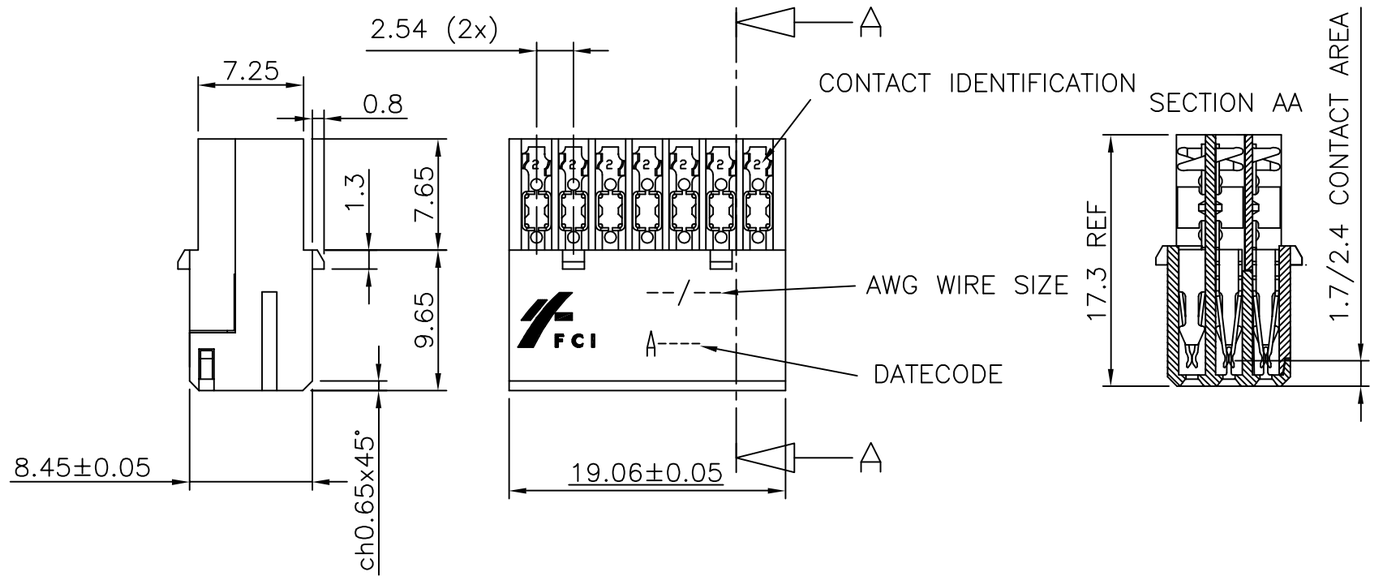
Copyright FCI
FCIconnect.com
form: A3
PDM: Rev:D
STATUS: Released
Printed: May 14, 2011

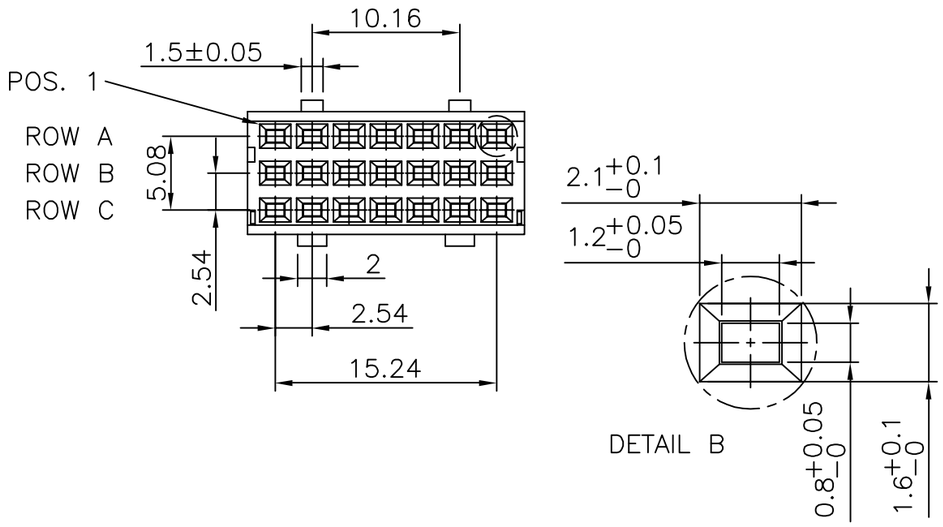
PRODUCT NUMBER	BPS8B21FLD–00––LF

WITH "LF" SUFFIX	LEAD FREE OR RoHS COMPATIBLE PRODUCT

WIRE ACCOMODATION		
PRODUCT NUMBER	WIRE SIZE	CONTACT IDENTIFICATION
BPS8B21FLD000––LF	AWG28/30	0
BPS8B21FLD200––LF	AWG24/26	2

CONTACT PLATING	
PLATING CODE	PERFORMANCE LEVEL PER DIN41612
Z0	CLASS 3
Z1	CLASS 2
E9	CLASS 1





NOTES:-

1. THE "LF" PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
2. LEAD FREE OR RoHS DIRECTIVE LABELING TO BE PROVIDED AS PER GS-14-920 FOR RoHS COMPATIBLE VERSION.

PERFORMANCES CHARACTERISTICS

VOLTAGE RATING : 250 VAC (rms)
CURRENT RATING : 1,5 A AT 25 °C, 1 A AT 70 °C.
INSULATION RESISTANCE : 1000MΩINITIAL, 100MΩMIN. AFTER TEST
DIELECTRIC WITH–
STANDING VOLTAGE : 1000 VAC (rms).
CONTACT RESISTANCE : 15 mΩMAX. INITIAL, 5mΩMAX. RISE OF INITIAL VALUE AFTER TEST.

OPERATING TEMPERATURE*: –40 °C TO +125 °C.
INSERTION FORCE : 1 N MAX./CONTACT.
WITHDRAWAL FORCE : 0,2 N MIN./CONTACT.

*DEPENDING ON THE CABLE, THE MAX. TEMPERATURE CAN BE LOWER.
FOR STANDARD PVC INSULATED CABLE : 105 °C MAX.

CONSTRUCTION

BODY MATERIAL : GLASS–REINFORCED THERMOPLASTIC (UL94V–0).
CONTACT MATERIAL : PHOSPHOR BRONZE.
CONTACT FINISH : Au OVER Ni IN CONTACT AREA
Sn (MATT TIN) ON I.D.C. TERMINAL

Z0 : PERFORMANCE LEVEL PER DIN41612 CLASS 3
Z1 : PERFORMANCE LEVEL PER DIN41612 CLASS 2
E9 : PERFORMANCE LEVEL PER DIN41612 CLASS 1
OTHERS : CONSULT FCI

PART NUMBERS

BPS8B21FLD000––LF CONNECTOR FOR WIRE SIZE AWG28, AWG30.
(CONTACT IDENTIFICATION : 0).

BPS8B21FLD200––LF CONNECTOR FOR WIRE SIZE AWG24, AWG26
(CONTACT IDENTIFICATION : 2).

AWG WIRE SIZE MARKING

BPS8B21FLD000––LF : 28/30

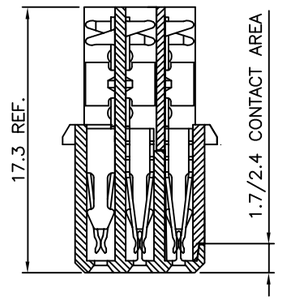
BPS8B21FLD200––LF : 24/26

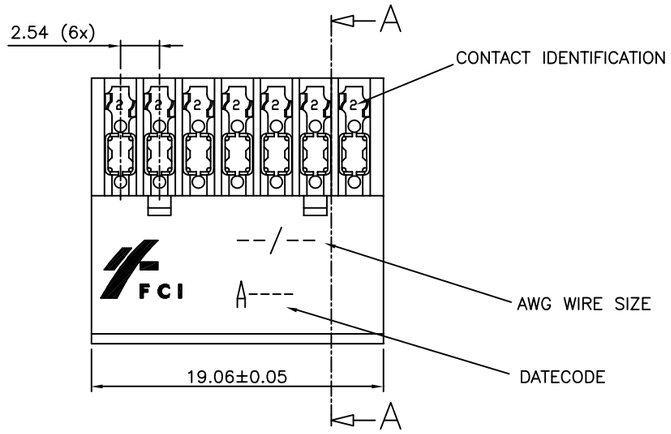
DATECODE MARKING

A + YEAR & WEEKCODE, EXAMPLE : A9950.

mat'l. code				surface		tolerance		projection	product family
SEE NOTE				ISO 1302		ISO 406 ISO 1101			BPS8
ltr	ecn no	dr	date	tolerances unless otherwise specified					title
A	F00819	DLE	2000–10–19	angles	linear	0.1±0.2		mm	ASSY BPS8
B	I05–0123	MINI	2005–07–27			0.01±0.1			21 POS. A,B,C LOADED
C	I06–0067	MINI	2006–06–01	±1°				scale –	
D	I07–0081	KR	2007–06–28	dr	D.LEGRAND	2000–10–19			dwg no 55355 sheet 2 of 3 size A3
				engr	J.F.NOTTEAU	2000–10–19			
				chr	RAKHEE GEORGE	2007–06–28			type Product Customer Drawing
				appd	RAKHEE GEORGE	2007–06–28			
sheet index	revision sheet								

FCIconnect.com
Copyright FCI





NOTES:-

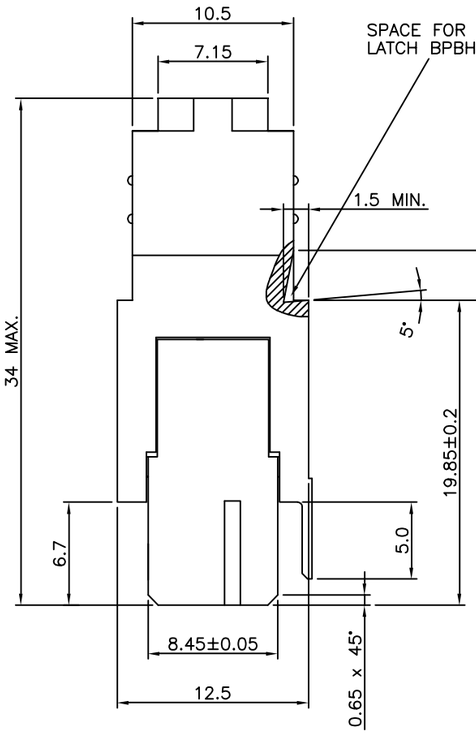
1. THE "LF" PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
2. LEAD FREE OR RoHS DIRECTIVE LABELING TO BE PROVIDED AS PER GS-14-920 FOR RoHS COMPATIBLE VERSION.

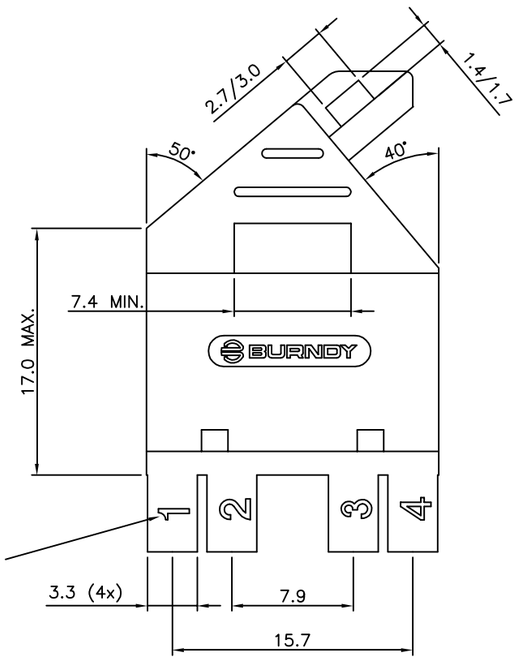
PRODUCT NUMBER	BPS8B21FLD–M0––LF

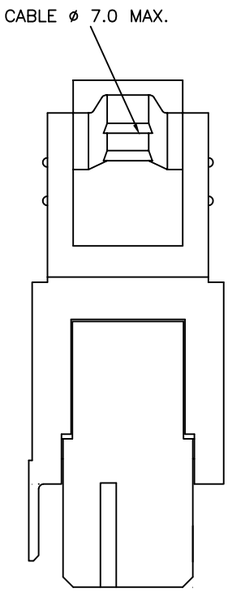
WITH "LF" SUFFIX : LEAD FREE OR RoHS COMPATIBLE PRODUCT

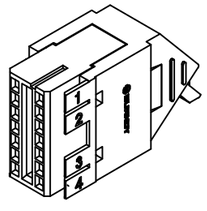
WIRE ACCOMODATION		
PRODUCT NUMBER	WIRE SIZE	CONTACT IDENTIFICATION
BPS8B21FLD0M0––LF	AWG28/30	0
BPS8B21FLD2M0––LF	AWG24/26	2

CONTACT PLATING	
PLATING CODE	PERFORMANCE LEVEL PER DIN41612
Z0	CLASS 3
Z1	CLASS 2
E9	CLASS 1

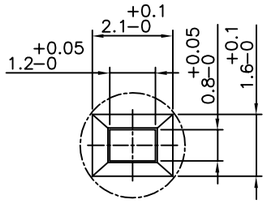


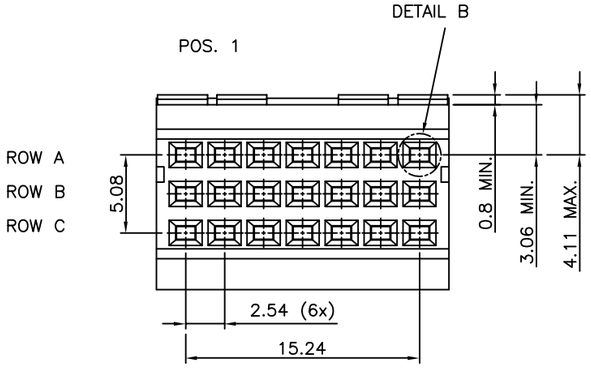






DETAIL B





PERFORMANCES CHARACTERISTICS

VOLTAGE RATING : 250 VAC (rms)
CURRENT RATING : 1,5 A AT 25 °C, 1 A AT 70 °C.
INSULATION RESISTANCE : 1000MΩINITIAL, 100MΩMIN. AFTER TEST
DIELECTRIC WITHSTANDING VOLTAGE : 1000 VAC (rms).
CONTACT RESISTANCE : 15mΩMAX. INITIAL, 5mΩMAX. RISE OF INITIAL VALUE AFTER TEST.
OPERATING TEMPERATURE*: –40 °C TO +125 °C.
INSERTION FORCE : 1 N MAX./CONTACT.
WITHDRAWAL FORCE : 0,2 N MIN./CONTACT.
*DEPENDING ON THE CABLE, THE MAX. TEMPERATURE CAN BE LOWER.
FOR STANDARD PVC INSULATED CABLE : 105 °C MAX.

CONSTRUCTION

BODY MATERIAL : GLASS–REINFORCED THERMOPLASTIC (UL94V–0).
COVER MATERIAL : Ni PLATED ABS MATERIAL
CONTACT MATERIAL : PHOSPHOR BRONZE.
CONTACT FINISH : Au OVER Ni IN CONTACT AREA
Sn (MATT TIN) ON I.D.C. TERMINAL
Z0 : PERFORMANCE LEVEL PER DIN41612 CLASS 3
Z1 : PERFORMANCE LEVEL PER DIN41612 CLASS 2
E9 : PERFORMANCE LEVEL PER DIN41612 CLASS 1
OTHERS : CONSULT FCI
TIE–WRAP : OPTIONAL (PART N°. TF3)

PART NUMBERS

BPS8B21FLD0M0––LF CONNECTOR FOR WIRE SIZE AWG28, AWG30. (CONTACT IDENTIFICATION : 0).
BPS8B21FLD2M0––LF CONNECTOR FOR WIRE SIZE AWG24, AWG26 (CONTACT IDENTIFICATION : 2).

AWG WIRE SIZE MARKING

BPS8B21FLD0M0––LF : 28/30.
BPS8B21FLD2M0––LF : 24/26.

DATECODE MARKING

A + YEAR & WEEKCODE, EXAMPLE : A9950.

ltr	ecn no	dr	date
A	F00819	DLE	2000–10–23
B	I05–0123	MINI	2005–07–27
C	I06–0067	MINI	2006–06–01
D	I07–0081	KR	2007–06–28

mat'l. code: SEE NOTE
surface: ISO 1302
tolerance: ISO 406 ISO 1101
tolerances unless otherwise specified: angles ±1° ; linear 0.1±0.2 ; 0.01±0.1
projection
mm
scale –

dr	D.LEGRAND	2000–10–23
engr	J.F.NOTTEAU	2000–10–23
chr	RAKHEE GEORGE	2007–06–28
appd	RAKHEE GEORGE	2007–06–28

product family: BPS8
title: ASSY BPS8 21 POS. A,B,C LOADED
dwg no: 55355
sheet 3 of 3
size: A3
type: Product Customer Drawing
sheet index | revision sheet

FCIconnect.com
Copyright FCI

form: A3

PDM: Rev:D STATUS: Released Printed: May 14, 2011